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in the U.S. Air Force (not less than technical sergeant, Medical Department, U.S.A.F.), and a period of satisfactory service of at least one month in a military hospital or U.S. Public Health Service Hospital.

§ 10.811 [Reserved]

Subpart I—Subjects of License Examinations and Practical Demonstrations of Competence

§ 10.901 General provisions.

(a) Each applicant for any license listed in this part shall pass examinations on the appropriate subjects listed in this subpart, except as noted in § 10.903(b).

(b) If the license is to be limited in a manner which would render any of the subject matter unnecessary or inappropriate, the examination may be amended accordingly by the Officer in Charge, Marine Inspection. Limitations which may affect the examination content are:

(1) Restricted routes for reduced service licenses (master or mate of vessels of not more than 200 gross tons, operator of uninspected passenger vessels or master or mate (pilot) of towing vessels); or,

(2) Engineer licenses with horsepower restrictions.

(c) Except as provided in §§ 10.202 and 10.209, each applicant for an STCW certificate or endorsement in the following capacities on vessels that operate beyond the Boundary Line shall also furnish sufficient documentary evidence that he or she has made a practical demonstration(s) of competence as set out under the appropriate STCW Regulations (incorporated by reference in § 10.102):

(1) *Deck Department.* (i) Officer in charge of the navigational watch on a seagoing vessel of 500 gross tons (GT) or more.

(ii) Officer in charge of the navigational watch on a seagoing vessel of less than 500 GT not engaged on a near-coastal voyage.

(iii) Officer in charge of the navigational watch on a seagoing vessel of less than 500 GT engaged on a near-coastal voyage.

(iv) Master and chief mate on a seagoing vessel of 3,000 GT or more.

(v) Master and chief mate on a seagoing vessel of between 500 and 3,000 GT.

(vi) Master on a seagoing vessel of less than 500 GT not engaged on a near-coastal voyage.

(vii) Master on a seagoing vessel of less than 500 gross tons engaged on a near-coastal voyage.

(2) *Engine Department.* (i) Officer in charge of the engineering watch in a manned engine-room on a seagoing vessel.

(ii) Designated duty engineer in a periodically unmanned engine-room on a seagoing vessel.

(iii) Chief engineer officer of a seagoing vessel driven by main propulsion machinery of 3,000 kW [4,000 hp] of propulsion power or more.

(iv) Second engineer officer of a seagoing vessel driven by main propulsion machinery of 3,000 kW [4,000 hp] of propulsion power or more.

(v) Chief engineer officer of a seagoing vessel driven by main propulsion machinery of between 750 kW [1,000 hp] and 3,000 kW [4,000 hp] of propulsion power.

(vi) Second engineer officer of a seagoing vessel driven by main propulsion machinery of between 750 kW [1,000 hp] and 3,000 kW [4,000 hp] of propulsion power.

(d) Simulators used in assessment of competence under paragraph (c) of this section must meet the appropriate performance standards set out in Section A-I/12 of the STCW Code. However, simulators installed or brought into use before February 1, 2002, need not meet them so far as they fulfill the objectives of the assessment of competence or demonstration of proficiency.

[CGD 81-059, 52 FR 38623, Oct. 16, 1987, as amended by CGD 81-059, 54 FR 144, Jan. 4, 1989; CGD 94-029, 61 FR 47064, Sept. 6, 1996; CGD 95-062, 62 FR 34533, June 26, 1997; USCG-1998-4442, 63 FR 52188, Sept. 30, 1998; USCG-1999-6224, 64 FR 63235, Nov. 19, 1999; USCG-1999-5610, 67 FR 66068, Oct. 30, 2002; USCG-2004-18884, 69 FR 58342, Sept. 30, 2004]

§ 10.903 Licenses requiring examinations.

(a) The following licenses require examinations for issuance:

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- (1) Master ocean/near coastal any gross tons;¹
- (2) Chief mate ocean/near coastal any gross tons;¹
- (3) Second mate ocean/near coastal any gross tons;¹
- (4) Third mate ocean/near coastal any gross tons;¹
- (5) Master ocean/near coastal not more than 500 or 1600 gross tons;¹
- (6) Mate ocean/near coastal not more than 500 or 1600 gross tons;¹
- (7) Mate near coastal not more than 200 gross tons;
- (8) Master near coastal not more than 100 gross tons;
- (9) Master Great Lakes and inland any gross tons;
- (10) Mate Great Lakes and inland any gross tons;
- (11) Master inland any gross tons;
- (12) Master river any gross tons;
- (13) Master Great Lakes and inland/river not more than 500 or 1600 gross tons;¹
- (14) Mate Great Lakes and inland/river not more than 500 or 1600 gross tons;¹
- (15) Mate Great Lakes and inland/inland/river not more than 200 gross tons;¹
- (16) Master Great Lakes and inland/inland/river not more than 100 gross tons;¹
- (17) First class pilot;
- (18)(i) Apprentice mate (steersman) of towing vessels;
- (ii) Apprentice mate (steersman) of towing vessels, limited;
- (19) Operator uninspected passenger vessels;
- (20) Master uninspected fishing industry vessels;
- (21) Mate uninspected fishing industry vessels;
- (22) Chief engineer steam/motor vessels;
- (23) First assistant engineer steam/motor vessels;
- (24) Second assistant engineer steam/motor vessels;
- (25) Third assistant engineer steam/motor vessels;
- (26) Chief engineer (limited) steam/motor vessels;

- (27) Assistant engineer (limited) steam/motor vessels;
- (28) Designated duty engineer steam/motor vessels;
- (29) Chief engineer uninspected fishing industry vessels;
- (30) Assistant engineer uninspected fishing industry vessels.
- (b) The following licenses do not require examinations:
 - (1) Master ocean any gross tons when adding an endorsement as Offshore Installation Manager.
 - (2) Master ocean or near coastal not more than 200 gross tons, when raising license grade from mate near coastal not more than 200 gross tons. Master ocean not more than 200 gross tons would, however, require an examination in celestial navigation.
 - (3) Master Great Lakes and inland, inland, and rivers not more than 200 gross tons when raising license grade from mate of the same route not more than 200 gross tons.
 - (4) Master or mate (pilot) of towing vessels (endorsed for the same route).
- (c) Each candidate for any of the following licenses shall meet the requirements of the appropriate STCW regulations and standards of competence and those in part A of the STCW Code (incorporated by reference in § 10.102), as indicated in table 903-1:
 - (1) Master, oceans and near coastal, any gross tons.
 - (2) Chief mate, oceans and near coastal, any gross tons.
 - (3) Master, oceans and near coastal, 500 to 1600 gross tons.
 - (4) Second mate, oceans and near coastal, any gross tons.
 - (5) Third mate, oceans and near coastal, any gross tons.
 - (6) Mate, oceans and near coastal, 500 to 1600 gross tons.
 - (7) Master or mate of towing vessels of over 200 gross tons, oceans and near-coastal.
 - (8) Master (OSV).
 - (9) Chief mate (OSV).
 - (10) Mate (OSV).
 - (11) Chief engineer, unlimited.
 - (12) 1st Assistant engineer, unlimited.
 - (13) 2nd Assistant engineer, unlimited.
 - (14) 3rd Assistant engineer, unlimited.

¹Examination will vary depending upon route desired.

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- (15) Chief engineer, limited—oceans.
 (16) Assistant engineer, limited-oceans.
 (17) Chief engineer, limited-near coastal.
 (18) Chief engineer (OSV).
 (19) Engineer (OSV).

TABLE 10.903-1

STCW CODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
II/1	X	X	X	....	....	....	X	....	....	....	....	....	....	....	....	....
II/2, p. 1 & 2	X	X	....	....	....	....	....	X	X	....	....	....	....	....	....	....	....	....	....
II/2, p. 3 & 4	X	....	....	....	X	....	....	....	....	....	....	....	....	....	....	....	....
II/3
III/1	X	X	....	X	....	....	X	....
III/2	X	X	....	....	....	....	X	....	....
III/3	X	....	X	....	....	....

(d) After July 31, 1998, any candidate for a license listed in paragraph (c) of this section, who meets the requirements of the appropriate regulations and standards of competence in STCW and part A of the STCW code (incorporated by reference in § 10.102) as indicated in table 10.903-1, need not comply with § 10.910, or, 10.950, of this part.

[CGD 81-059, 52 FR 38623, Oct. 16, 1987, as amended by CGD 81-059, 54 FR 144, Jan. 4, 1989; CGD 81-059a, 59 FR 10756, Mar. 8, 1994; CGD 95-062, 62 FR 34533, June 26, 1997; USCG-1998-4442, 63 FR 52188, Sept. 30, 1998; USCG-1999-6224, 64 FR 63235, Nov. 19, 1999; 66 FR 20944, Apr. 26, 2001; USCG-1999-5610, 67 FR 66068, Oct. 30, 2002; USCG 1999-6224, 68 FR 35817, June 17, 2003; USCG-2004-18884, 69 FR 58342, Sept. 30, 2004]

§ 10.910 Subjects for deck licenses.

Table 10.910-1 gives the codes used in table 10.910-2 for all deck licenses. Table 10.910-2 indicates the examination subjects for each license, by code number. Figures in the body of the table, in place of the letter "x", refer to notes.

TABLE 10.910-1 CODES FOR DECK LICENSES

Deck Licenses:

1. Master, Oceans/near coastal, any gross tons.
2. Chief mate, oceans/near coastal, any gross tons.
3. Master, oceans/near coastal, 500/1,600 gross tons.

4. Second mate, oceans/near coastal, any gross tons.
5. Third mate, oceans/near coastal, any gross tons.
6. Mate, oceans/near coastal, 500/1,600 gross tons.
7. Master, oceans/near coastal, and mate, near coastal, 200 gross tons (includes master, near coastal, 100 gross tons).
8. Operator, uninspected passenger vessels, near coastal.
9. Operator, uninspected passenger vessels, Great Lakes/inland.
10. Apprentice mate, towing vessels, ocean (domestic trade) and near-coastal routes.
11. Apprentice mate (steersman), towing vessels, Great Lakes and inland routes.
12. Steersman, towing vessels, Western Rivers.
13. Master, Great Lakes/inland, or master, inland, any gross tons.
14. Mate, Great Lakes/inland, any gross tons.
15. Master, Great Lakes/inland, 500/1,600 gross tons.
16. Mate, Great Lakes/inland, 500/1,600 gross tons.
17. Master or mate, Great Lakes/inland, 200 gross tons (includes master, Great Lakes/inland, 100 gross tons).
18. Master, rivers, any gross tons.
19. Master, rivers, 500/1,600 gross tons.
20. Mate, rivers, 500/1,600 gross tons.
21. Master or mate, rivers, 200 gross tons (includes master, rivers, 100 gross tons).
22. Master, uninspected fishing industry vessels, oceans/near coastal.
23. Mate, uninspected fishing industry vessels, oceans/near coastal.
24. First class pilot.

TABLE 10.910-2—LICENSE CODES

Examination topics	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Navigation and position determination:																								
Ocean Track Plotting:																								
Middle Latitude Sailing	1	1			1	1																		
Mercator Sailing	X	X			1	1																		